SHEET A

FIG. 1(a)

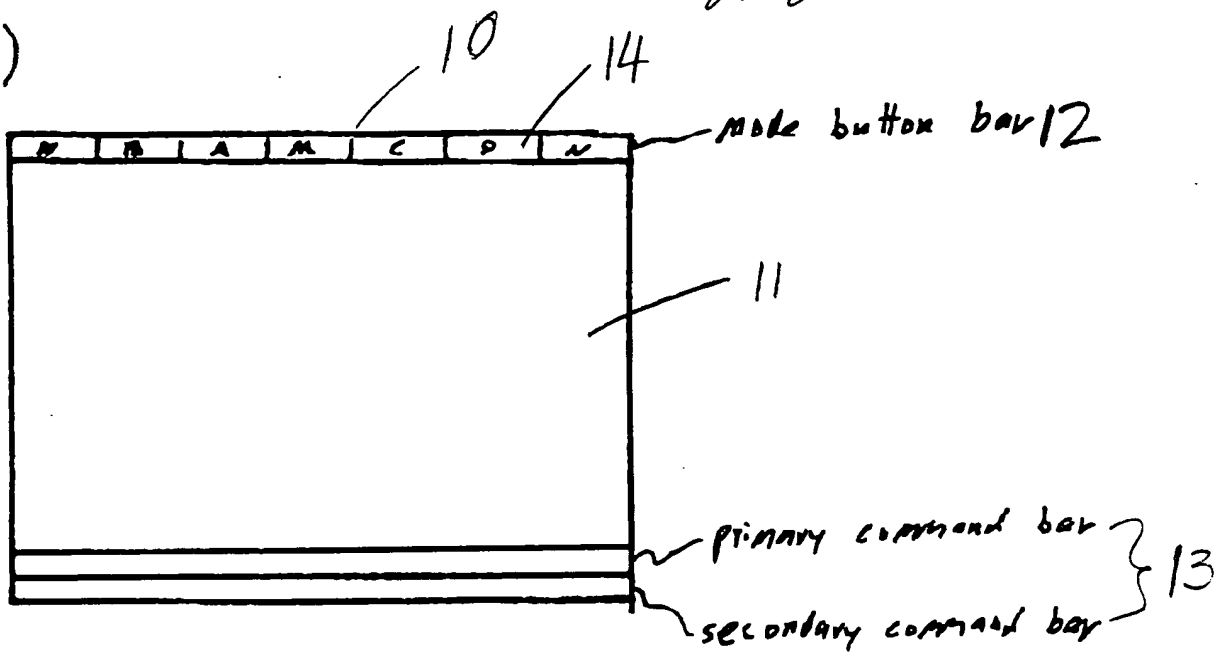
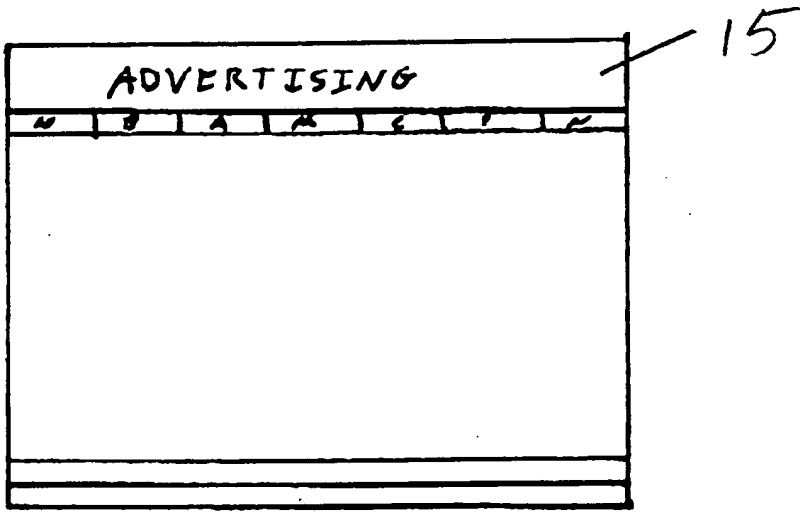


FIG. 1(b)



SHEET 2 R

FIG. ~~1~~ 2

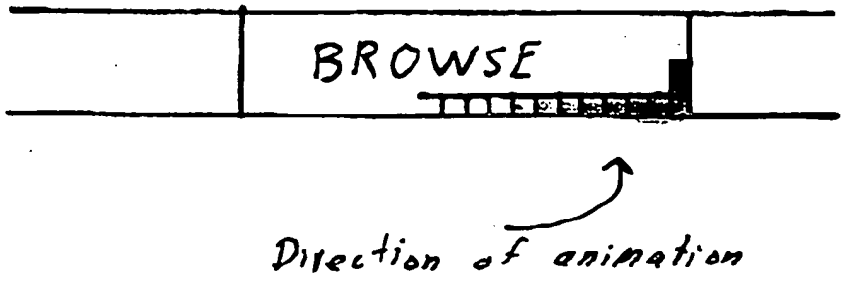
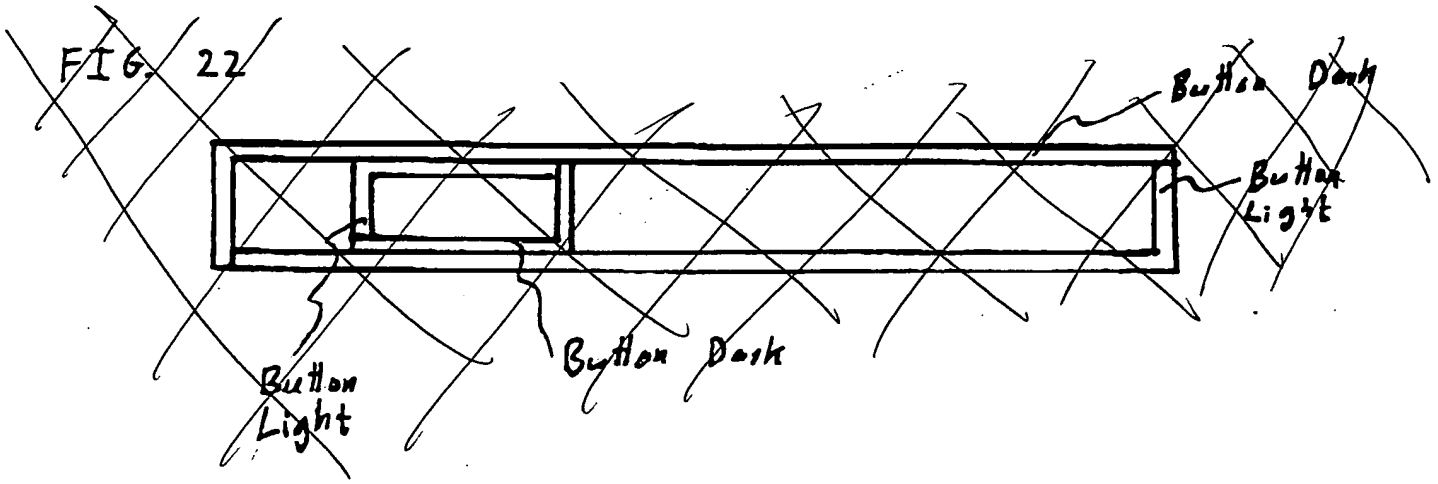


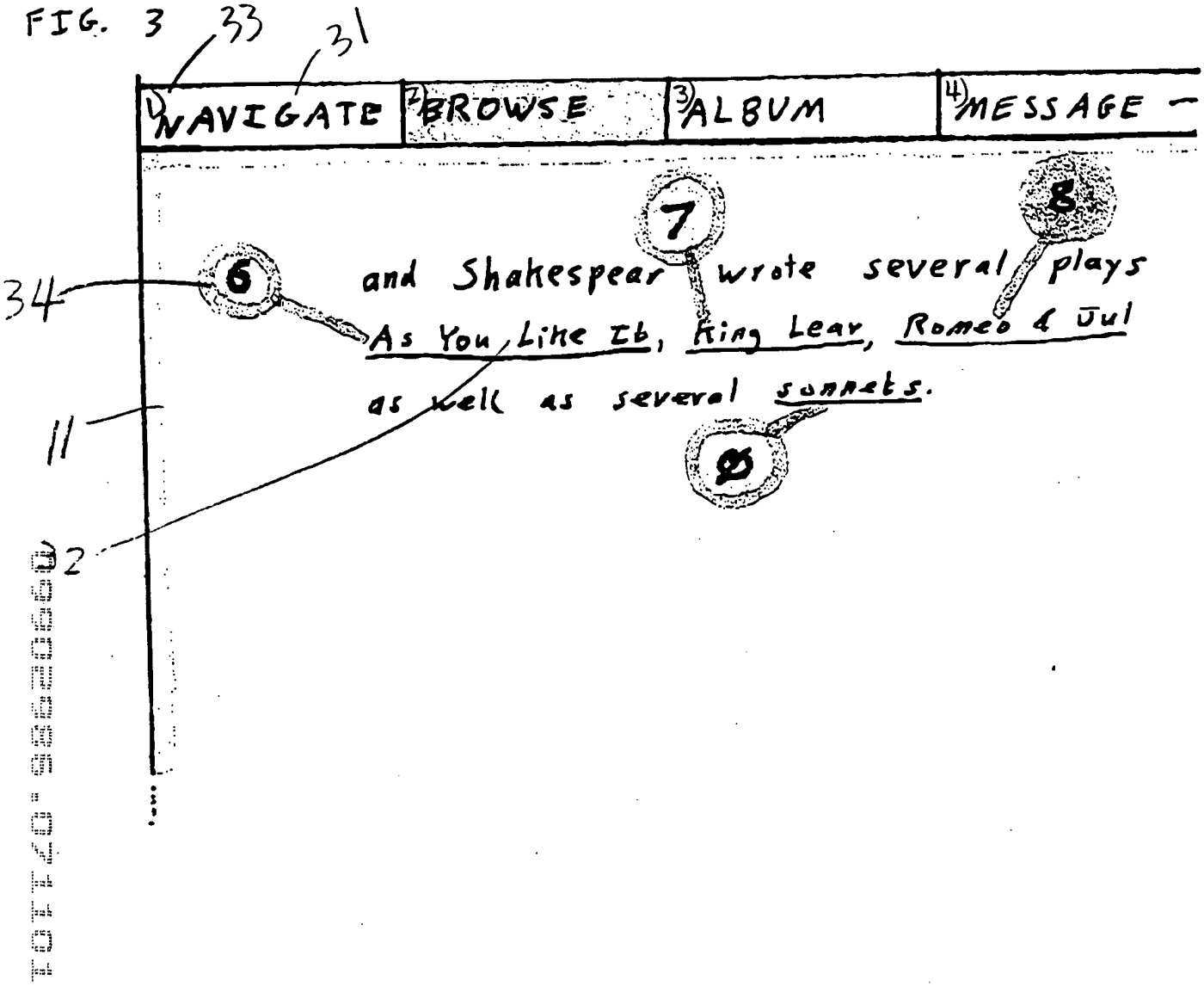
FIG. 22



EOFF20 05/25/00

SHEET 8

FIG. 3



FOR SEARCHING PURPOSES

SHEET 6

FIG. 4

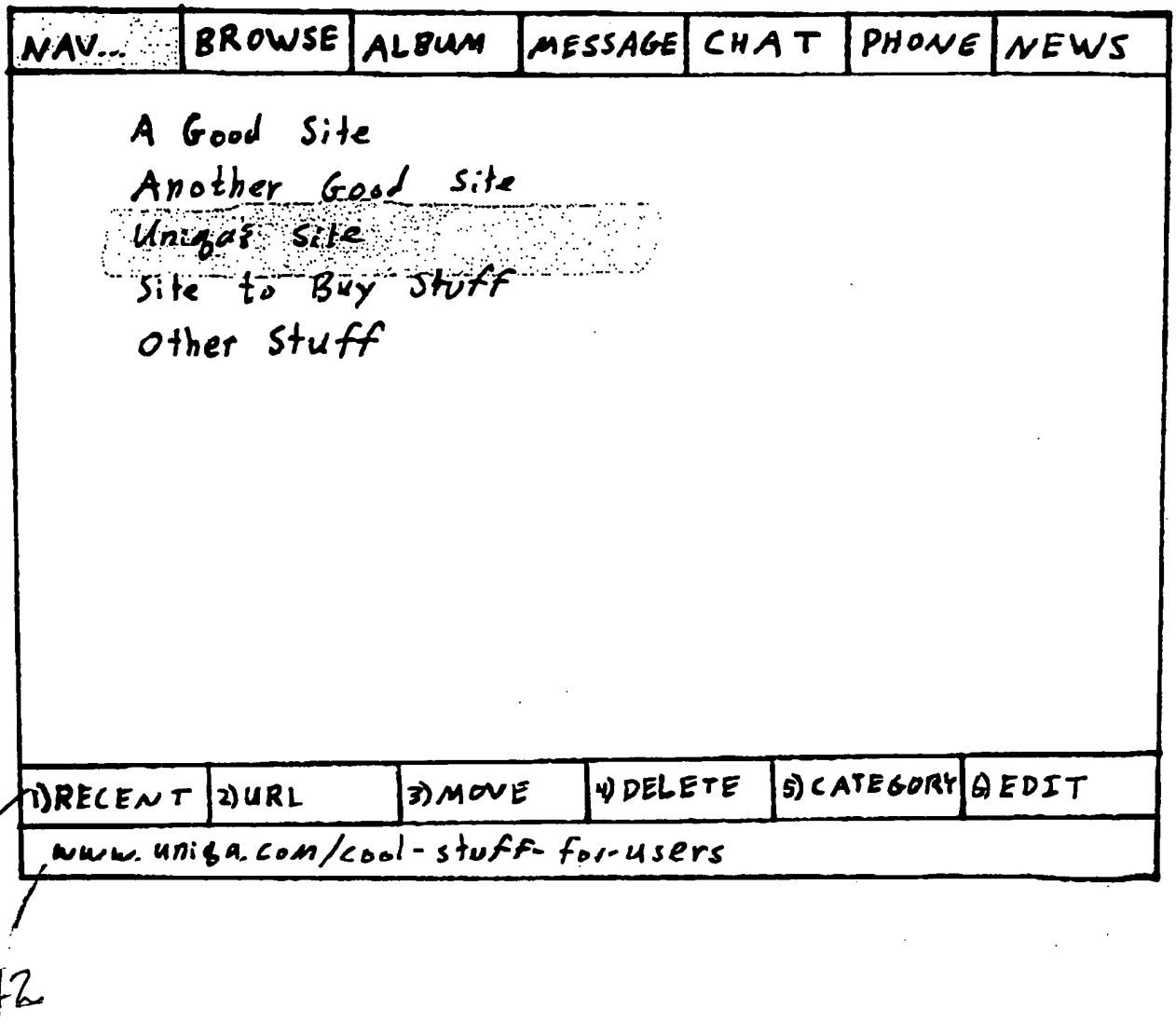

NAV...
BROWSE
ALBUM
MESSAGE
CHAT
PHONE
NEWS
A Good Site
Another Good Site
Uniga's Site
Site to Buy Stuff
Other Stuff
1) RECENT
2) URL
3) MOVE
4) DELETE
5) CATEGORY
6) EDIT
www.uniga.com/cool-stuff-for-users
41
42

FIG. 5

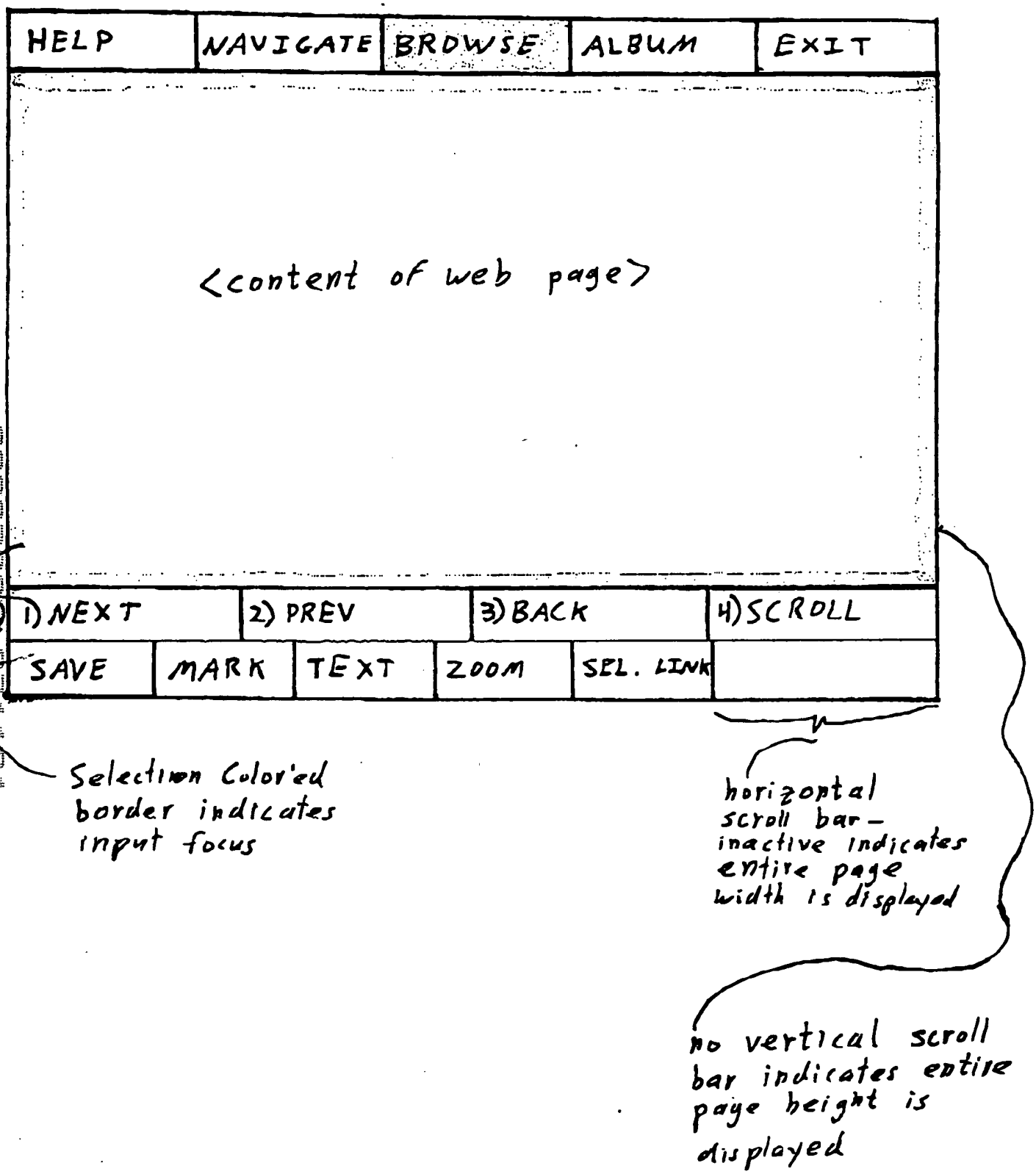
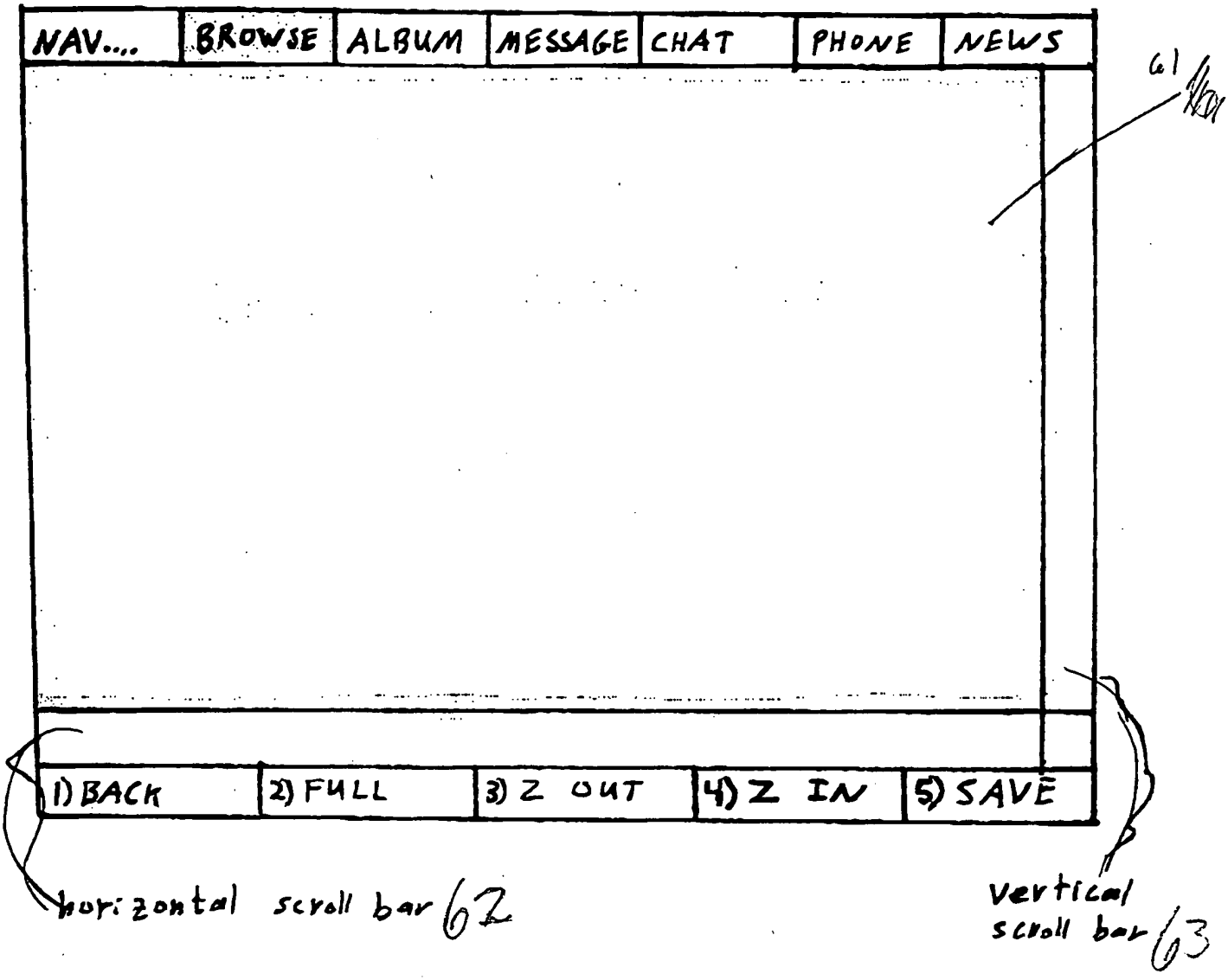

HELP
NAVIGATE
BROWSE
ALBUM
EXIT
<content of web page>
51
52
1) NEXT
2) PREV
3) BACK
4) SCROLL
SAVE
MARK
TEXT
ZOOM
SEL. LINK
Selection Color'ed border indicates input focus
horizontal scroll bar - inactive indicates entire page width is displayed
no vertical scroll bar indicates entire page height is displayed

FIG. 6


NAV....
BROWSE
ALBUM
MESSAGE
CHAT
PHONE
NEWS
61
1) BACK
2) FULL
3) Z OUT
4) Z IN
5) SAVE
horizontal scroll bar 62
vertical scroll bar 63

SHEET 1 OF 18

FIG. 7

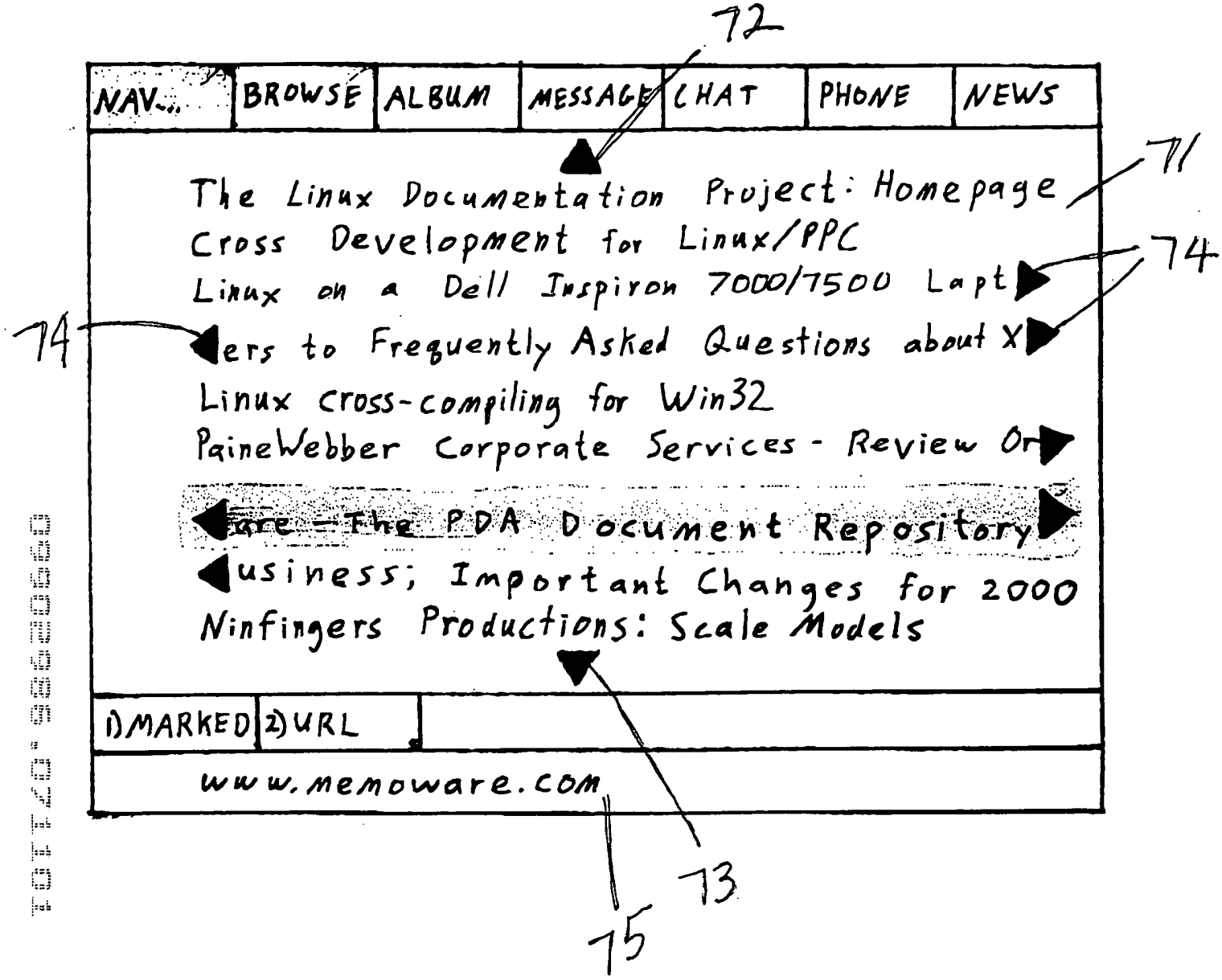


FIG. 8

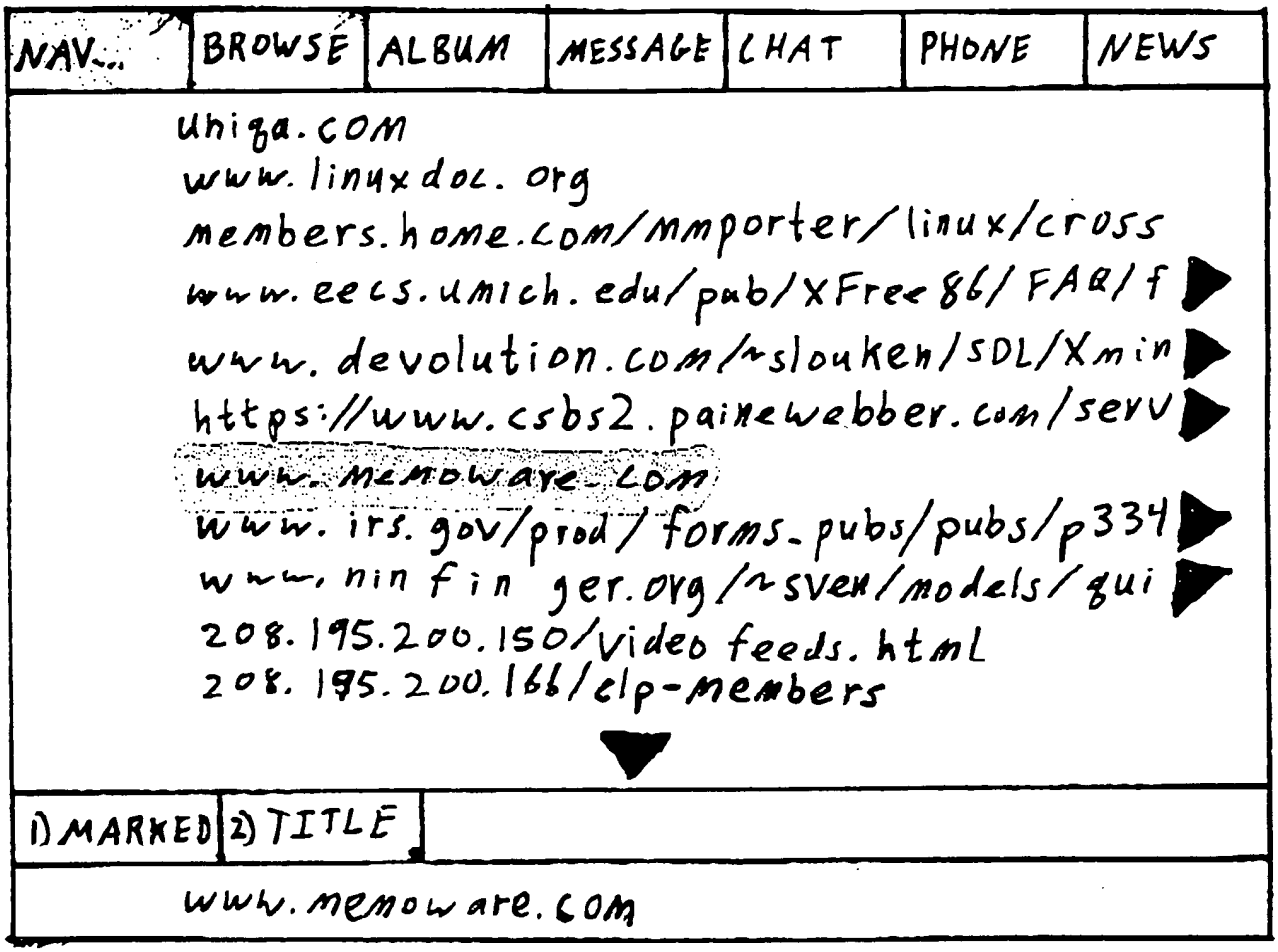
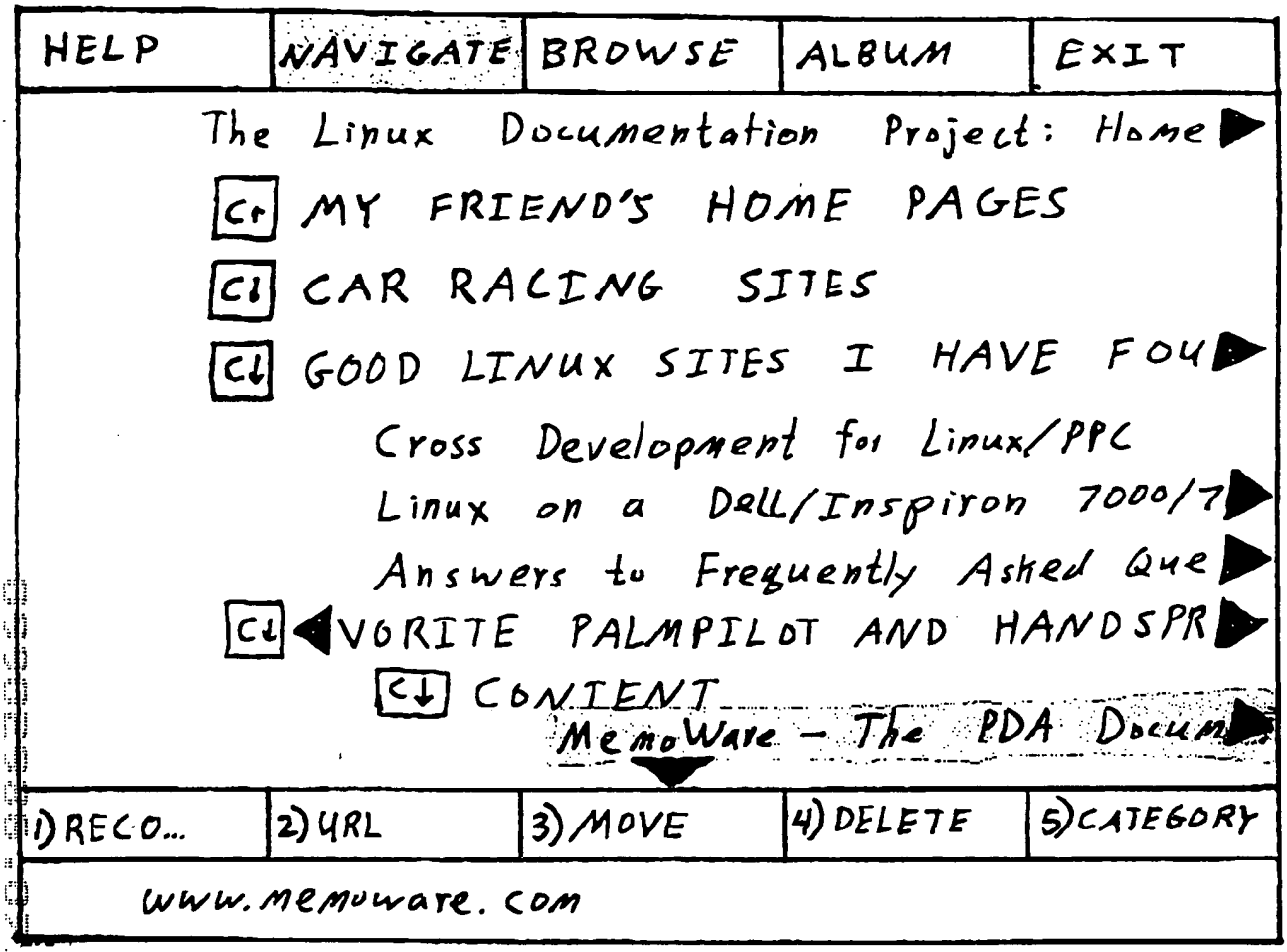

NAV..
BROWSE
ALBUM
MESSAGE
CHAT
PHONE
NEWS
uhiqa.com
www.linuxdoc.org
members.home.com/mmporter/linux/cross
www.eecs.umich.edu/pub/XFree86/FAQ/f
www.devolution.com/~slouken/SDL/Xmin
https://www.csbs2.painewebber.com/servU
www.memoware.com
www.irs.gov/prod/forms_pubs/pubs/p334
www.ninfinger.org/~sven/models/qui
208.195.200.150/video feeds.html
208.195.200.166/clp-members
1) MARKED
2) TITLE
www.memoware.com

FIG. 9


HELP
NAVIGATE
BROWSE
ALBUM
EXIT
The Linux Documentation Project: Home
MY FRIEND'S HOME PAGES
CAR RACING SITES
GOOD LINUX SITES I HAVE FOU
Cross Development for Linux/PPC
Linux on a Dell/Inspiron 7000/7
Answers to Frequently Asked Que
VORITE PALMPILOT AND HANDSPR
CONTENT
MemoWare - The PDA Docum
1) RECO...
2) URL
3) MOVE
4) DELETE
5) CATEGORY
www.memoware.com

SHEET 1 /Ø4

FIG. 1Ø

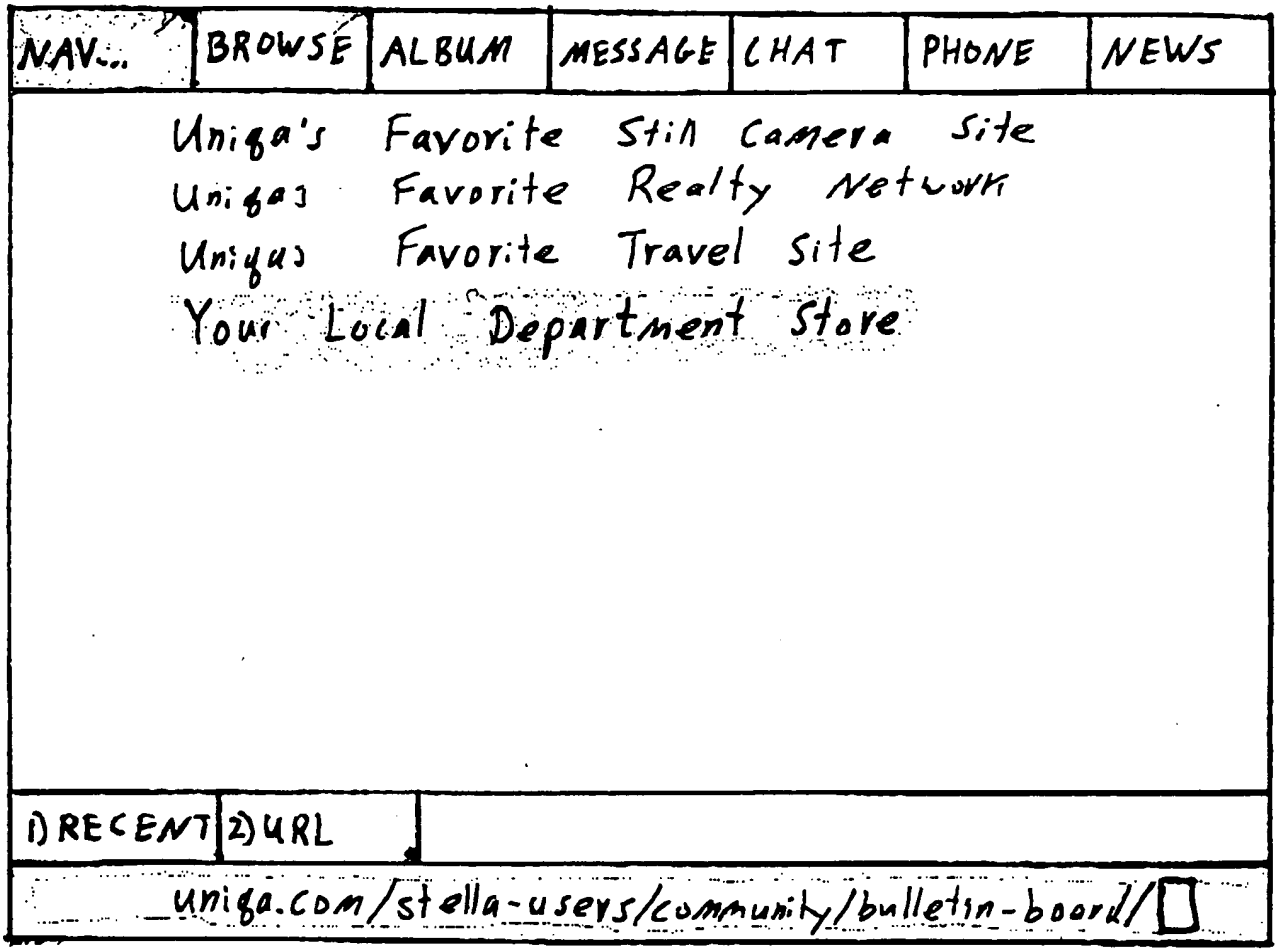
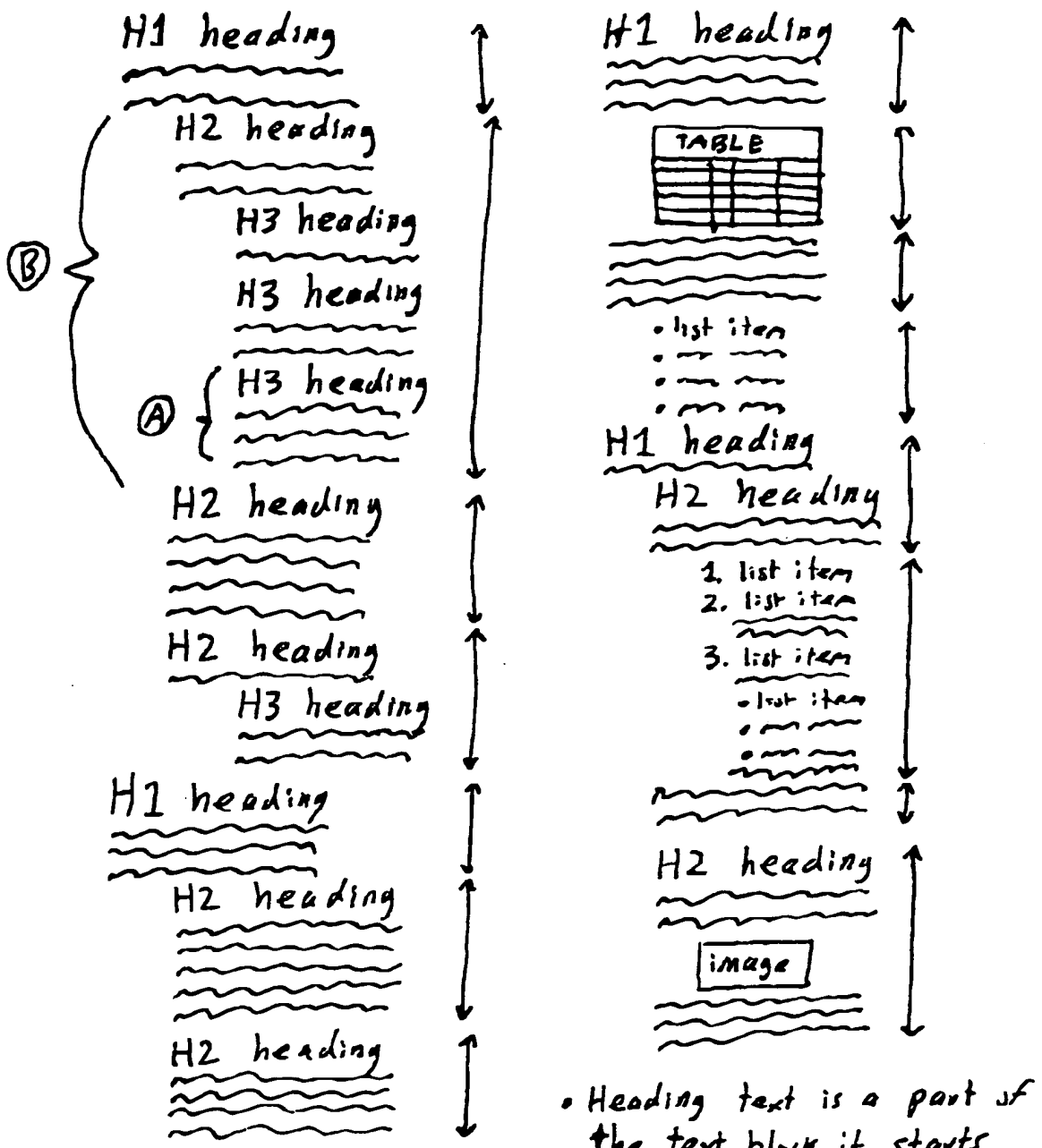


FIG. 11



↕ indicates extent of a text element

Ⓐ largest block under H3 is less than ½KB

AND

Ⓑ largest block under H2 is less than 4KB

THEREFORE

H2 headings and above (e.g., H1) are text block boundaries

- Heading text is a part of the text block it starts.
- Top-level tables & lists are always a single block, regardless of size or content.
- In-line images do not break text blocks (even though they are elements of their own), but are not saved with text.

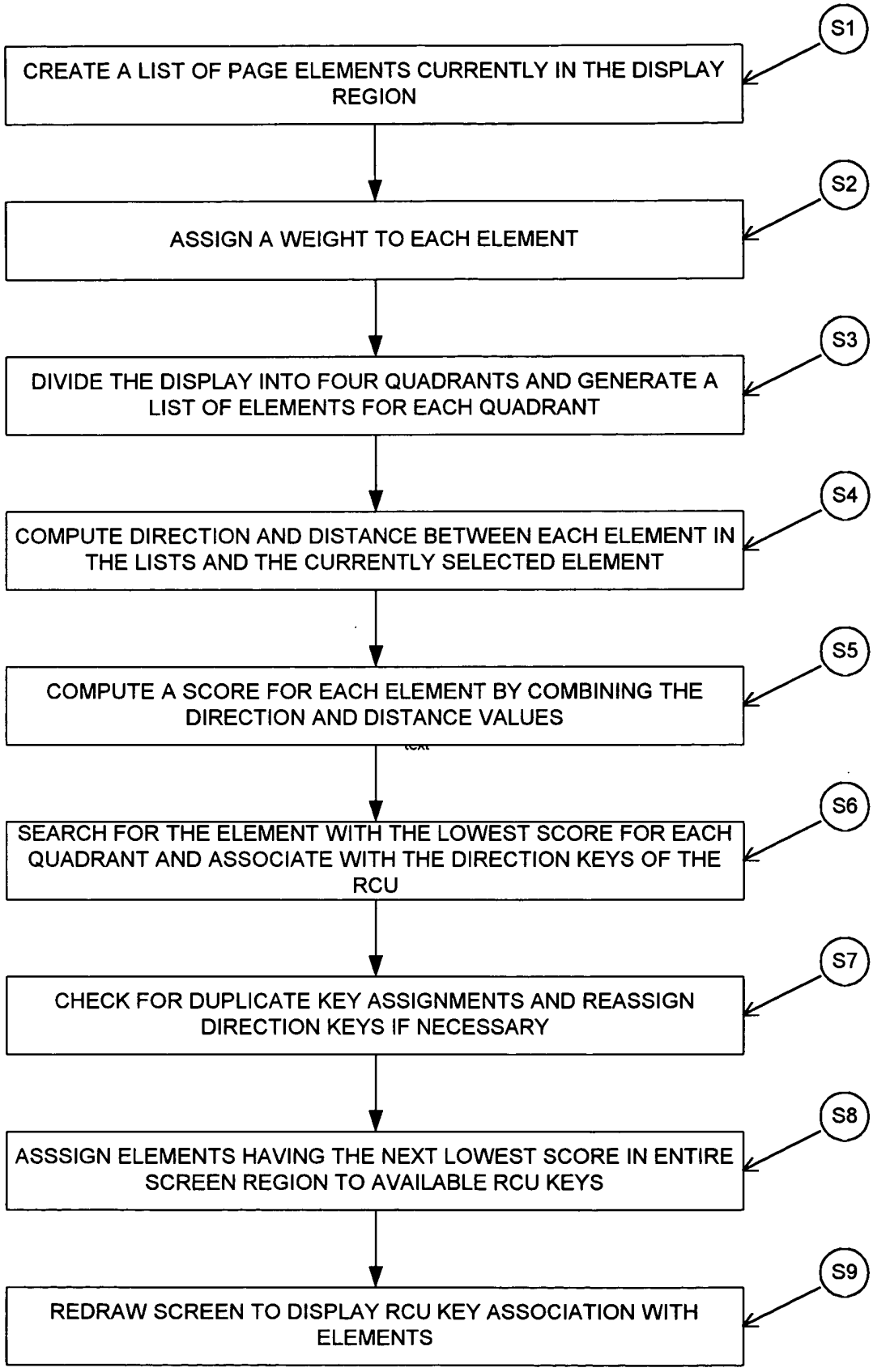

S1
CREATE A LIST OF PAGE ELEMENTS CURRENTLY IN THE DISPLAY REGION
S2
ASSIGN A WEIGHT TO EACH ELEMENT
S3
DIVIDE THE DISPLAY INTO FOUR QUADRANTS AND GENERATE A LIST OF ELEMENTS FOR EACH QUADRANT
S4
COMPUTE DIRECTION AND DISTANCE BETWEEN EACH ELEMENT IN THE LISTS AND THE CURRENTLY SELECTED ELEMENT
S5
COMPUTE A SCORE FOR EACH ELEMENT BY COMBINING THE DIRECTION AND DISTANCE VALUES
S6
SEARCH FOR THE ELEMENT WITH THE LOWEST SCORE FOR EACH QUADRANT AND ASSOCIATE WITH THE DIRECTION KEYS OF THE RCU
S7
CHECK FOR DUPLICATE KEY ASSIGNMENTS AND REASSIGN DIRECTION KEYS IF NECESSARY
S8
ASSSIGN ELEMENTS HAVING THE NEXT LOWEST SCORE IN ENTIRE SCREEN REGION TO AVAILABLE RCU KEYS
S9
REDRAW SCREEN TO DISPLAY RCU KEY ASSOCIATION WITH ELEMENTS

FIG. - 12

FIG. 13(a)

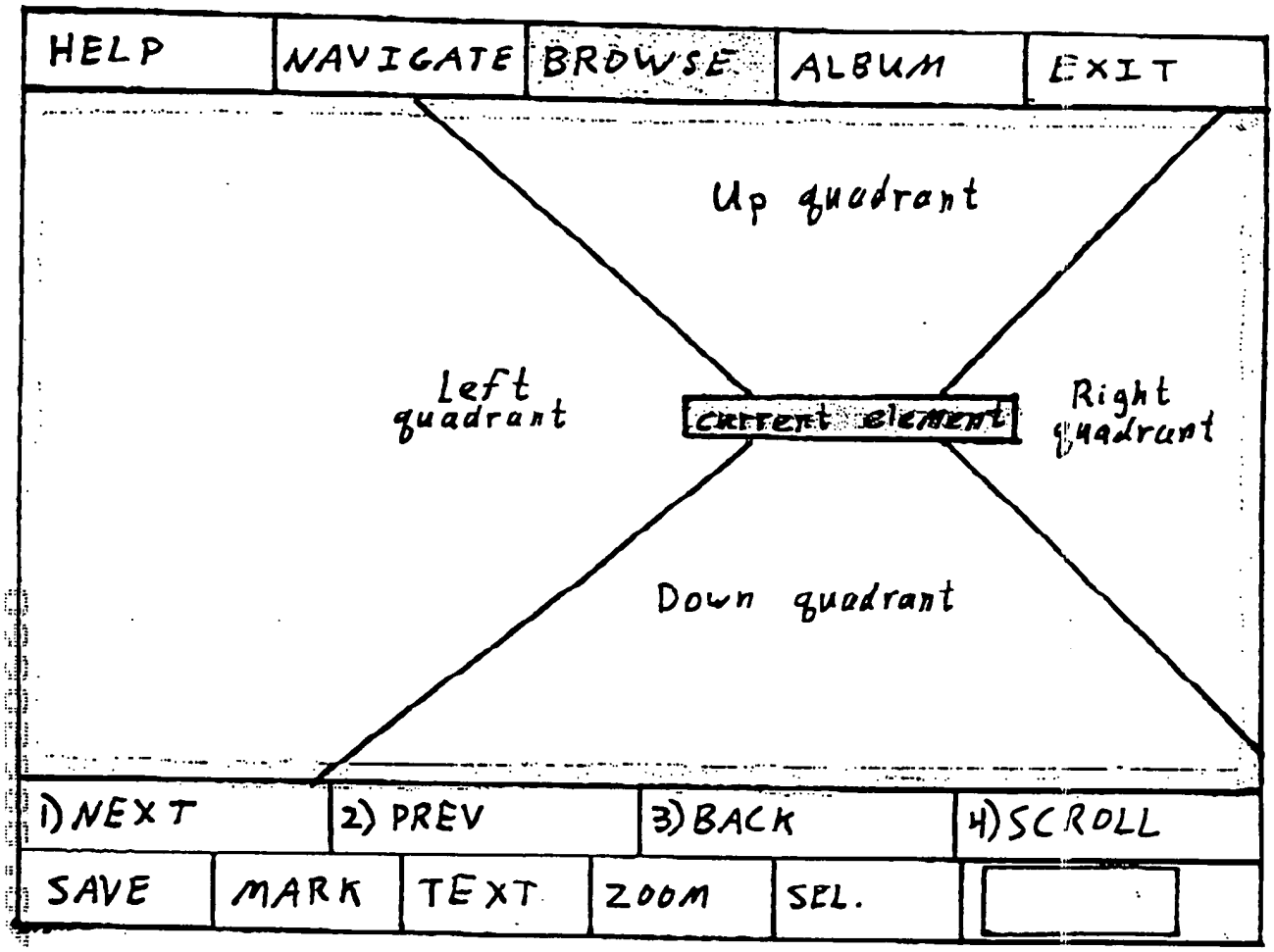
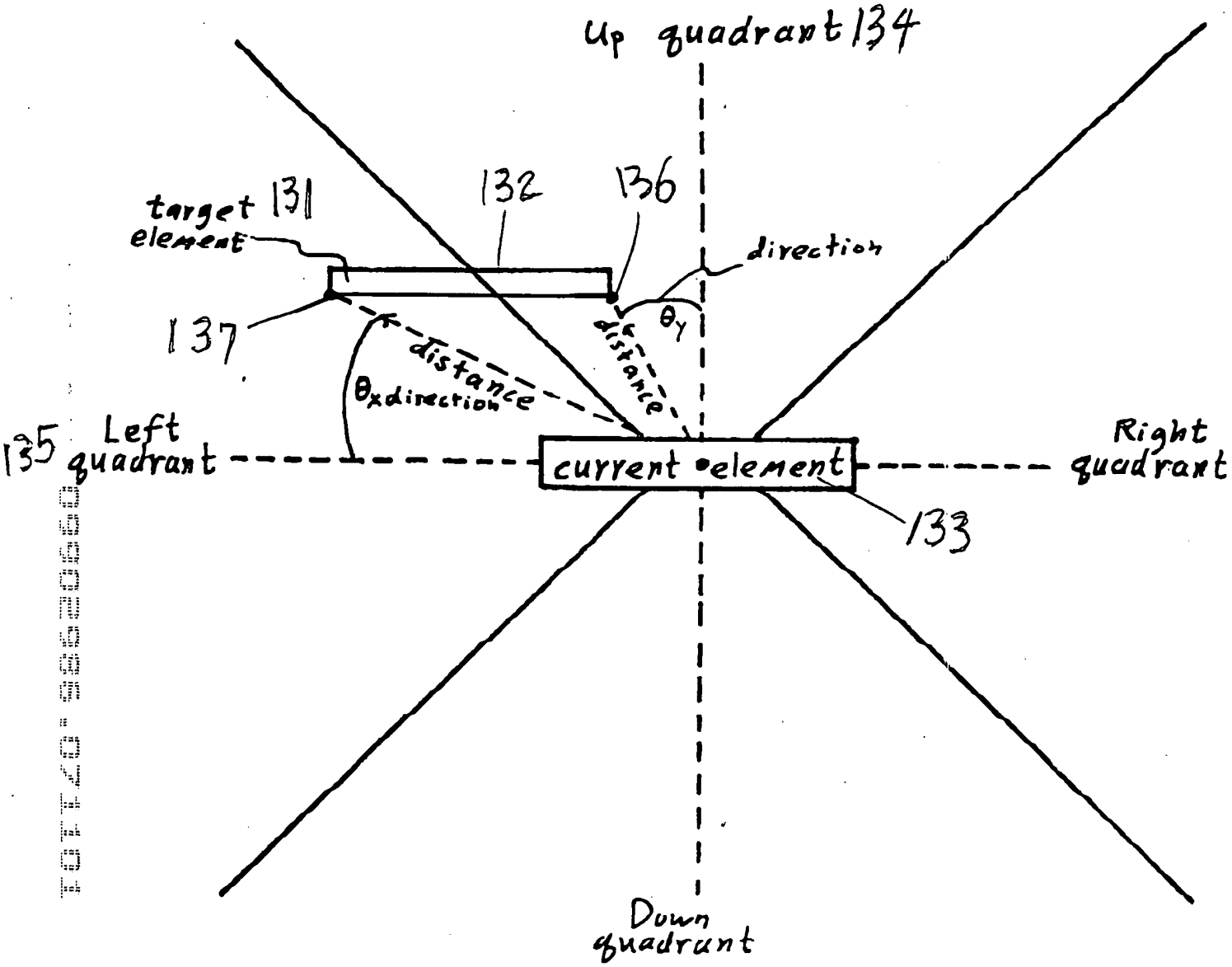

HELP
NAVIGATE
BROWSE
ALBUM
EXIT
Up quadrant
Left quadrant
current element
Right quadrant
Down quadrant
1) NEXT
2) PREV
3) BACK
4) SCROLL
SAVE
MARK
TEXT
ZOOM
SEL.

FIG. 13(b)

SHEET 14



SHEET 14 OF 16

FIG. 14

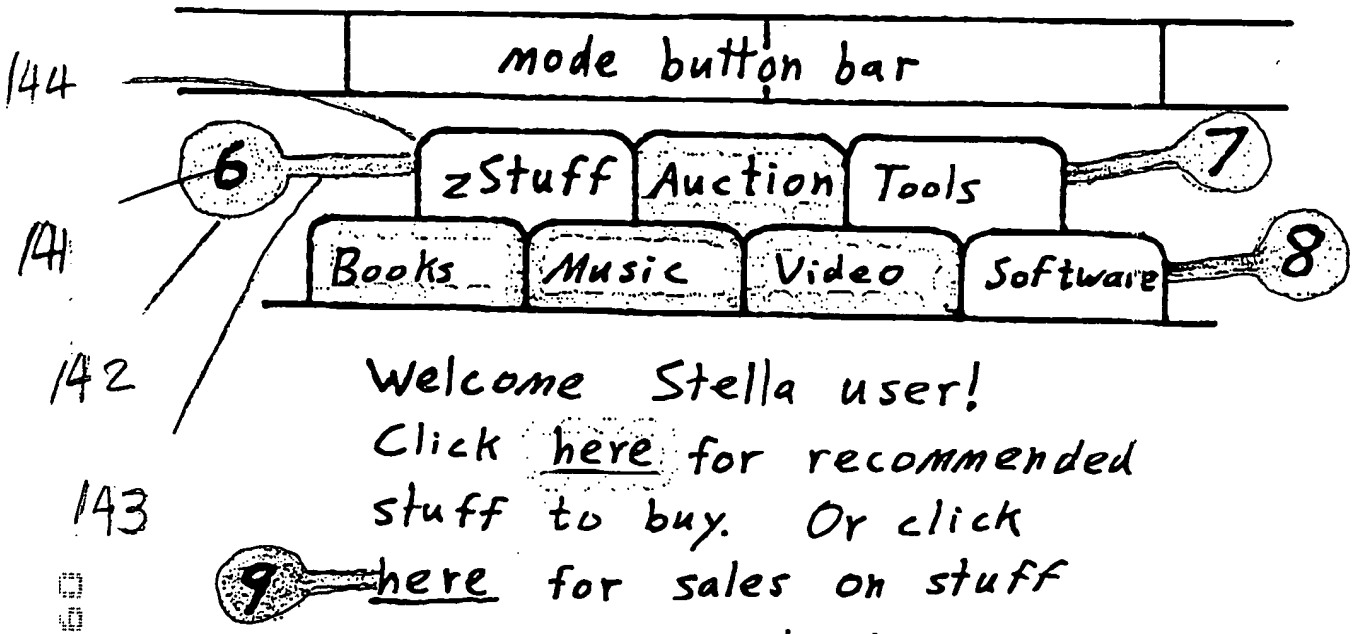


FIG. 15

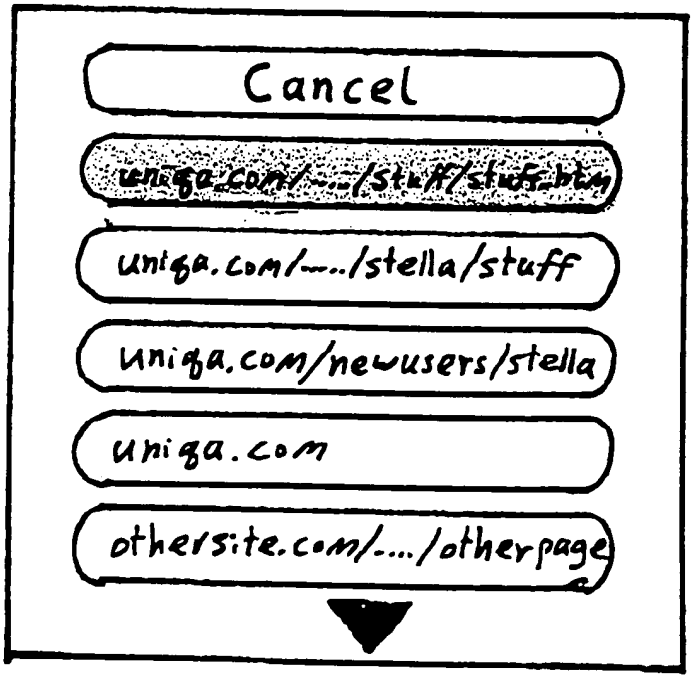


FIG. 16

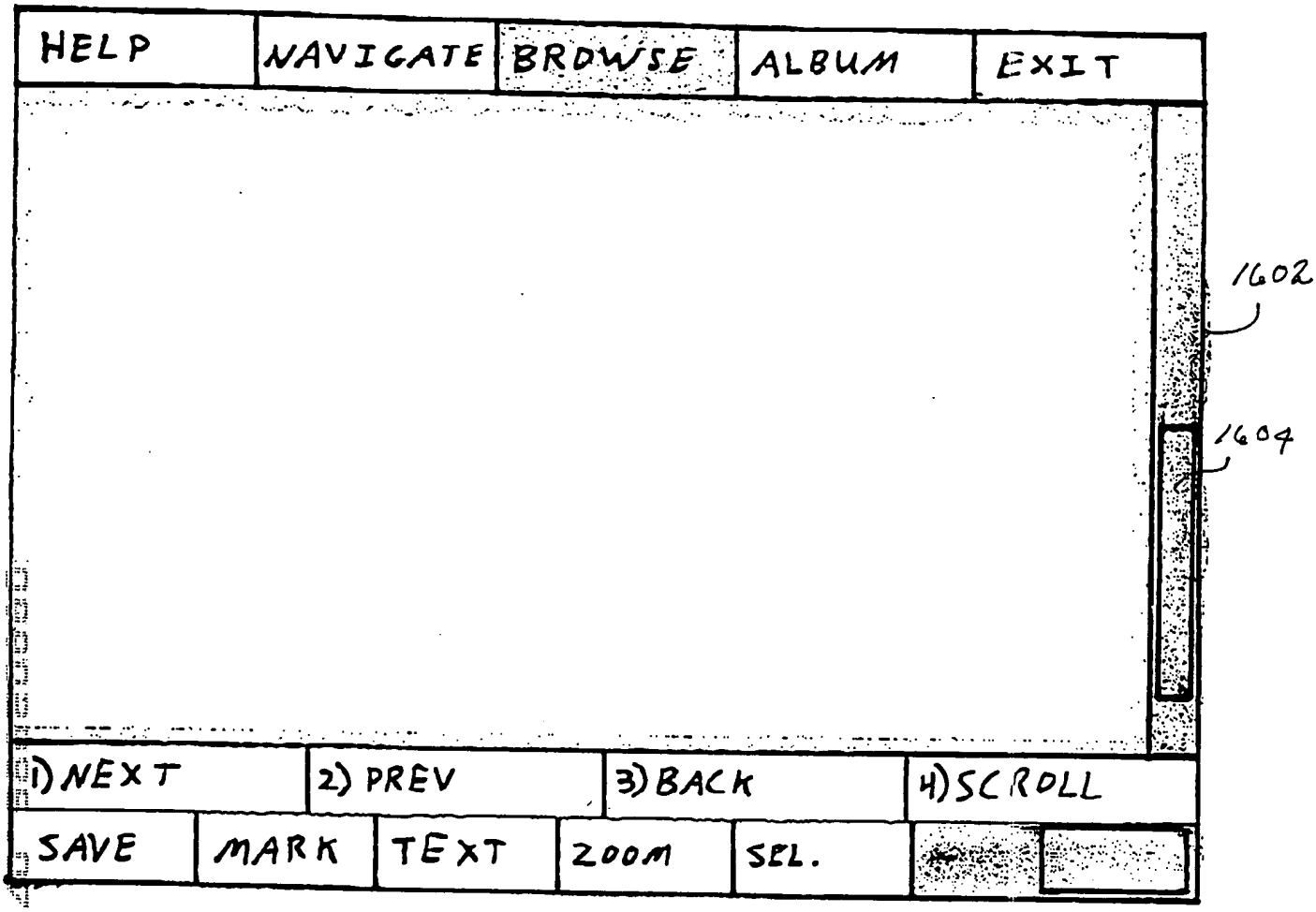

HELP
NAVIGATE
BROWSE
ALBUM
EXIT
1602
1604
1) NEXT
2) PREV
3) BACK
4) SCROLL
SAVE
MARK
TEXT
ZOOM
SEL.

FIG. 17

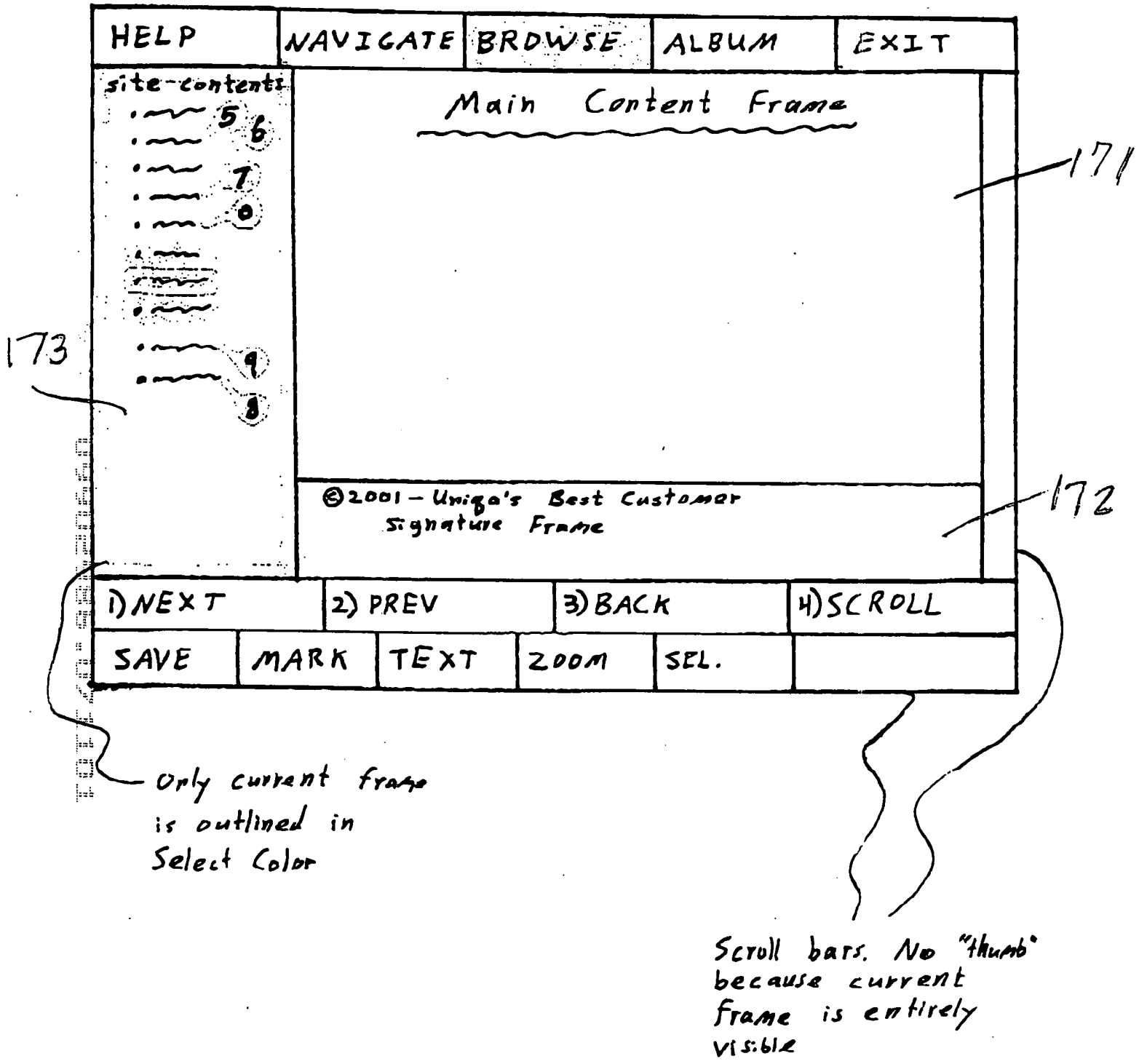

HELP
NAVIGATE
BROWSE
ALBUM
EXIT
site-contents
5
6
7
0
9
8
Main Content Frame
171
173
©2001 – Uniqa's Best Customer
Signature Frame
172
1) NEXT
2) PREV
3) BACK
4) SCROLL
SAVE
MARK
TEXT
ZOOM
SEL.
Only current frame is outlined in Select Color
Scroll bars. No "thumb" because current frame is entirely visible

FIG. 18

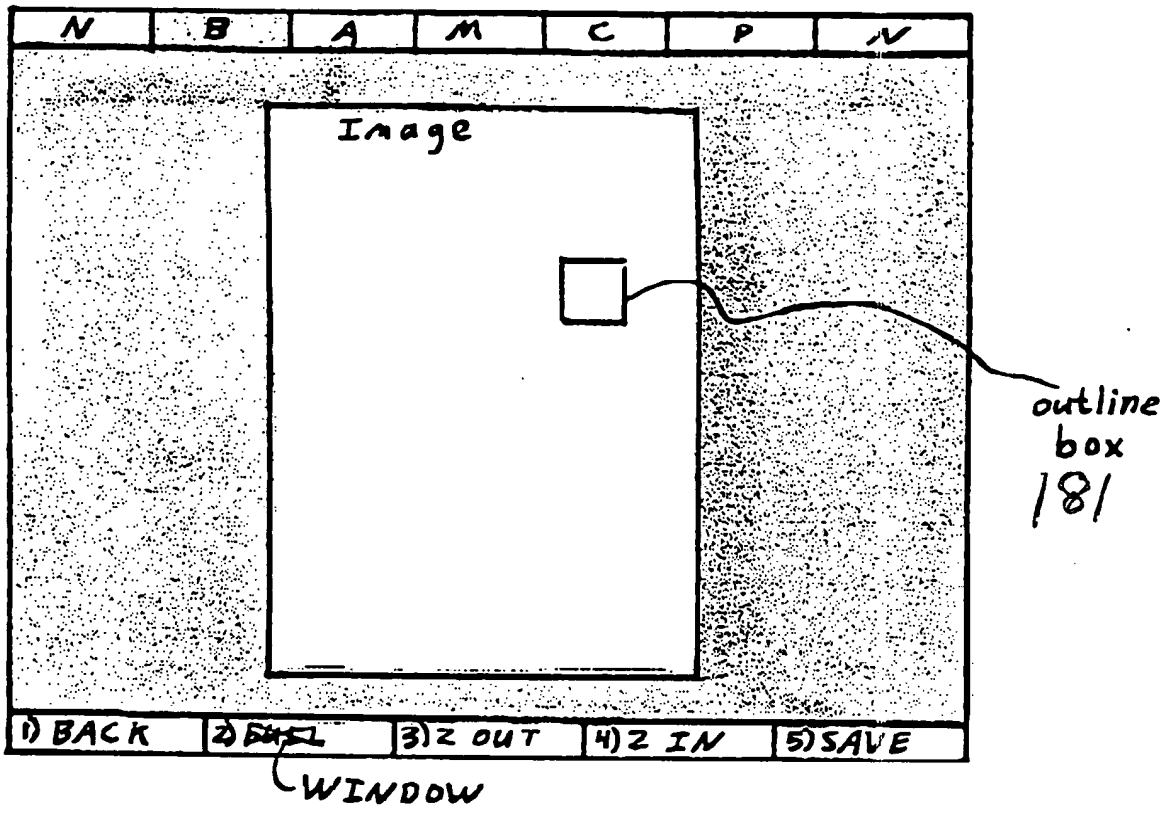

N
B
A
M
C
P
N
Image
outline box
181
1) BACK
2) FULL
3) Z OUT
4) Z IN
5) SAVE
WINDOW

FIG. 19

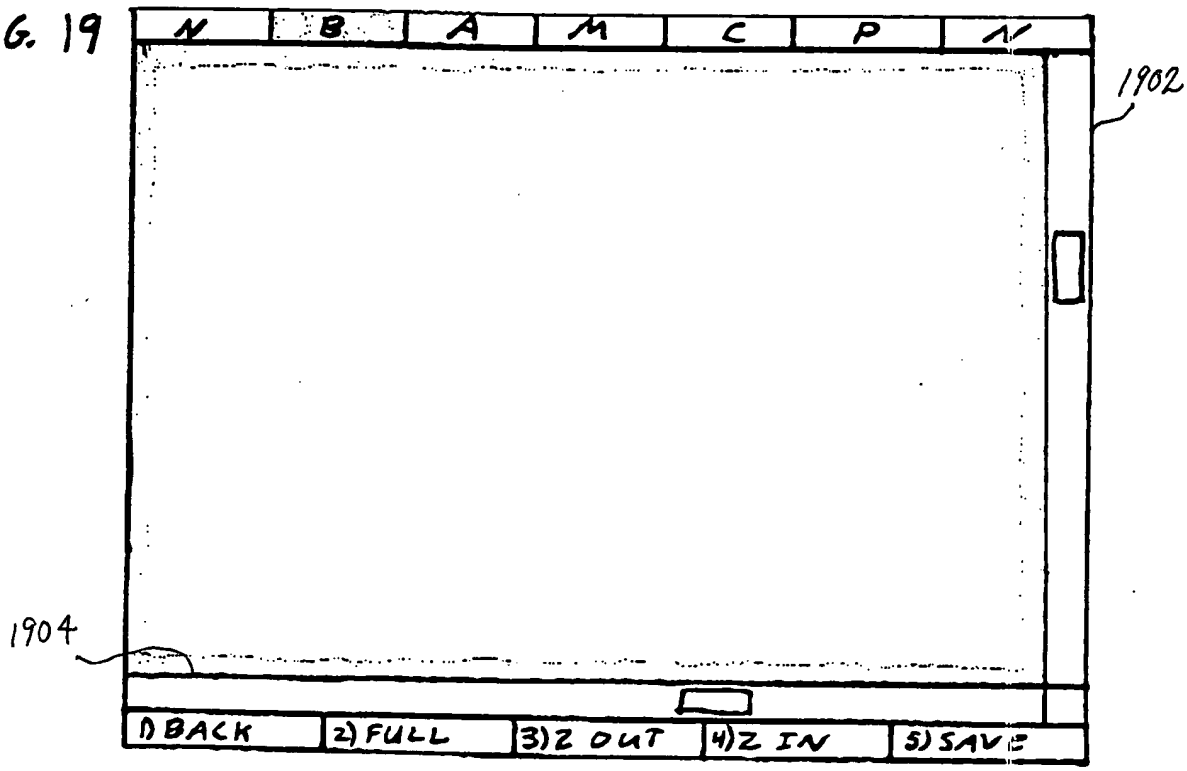
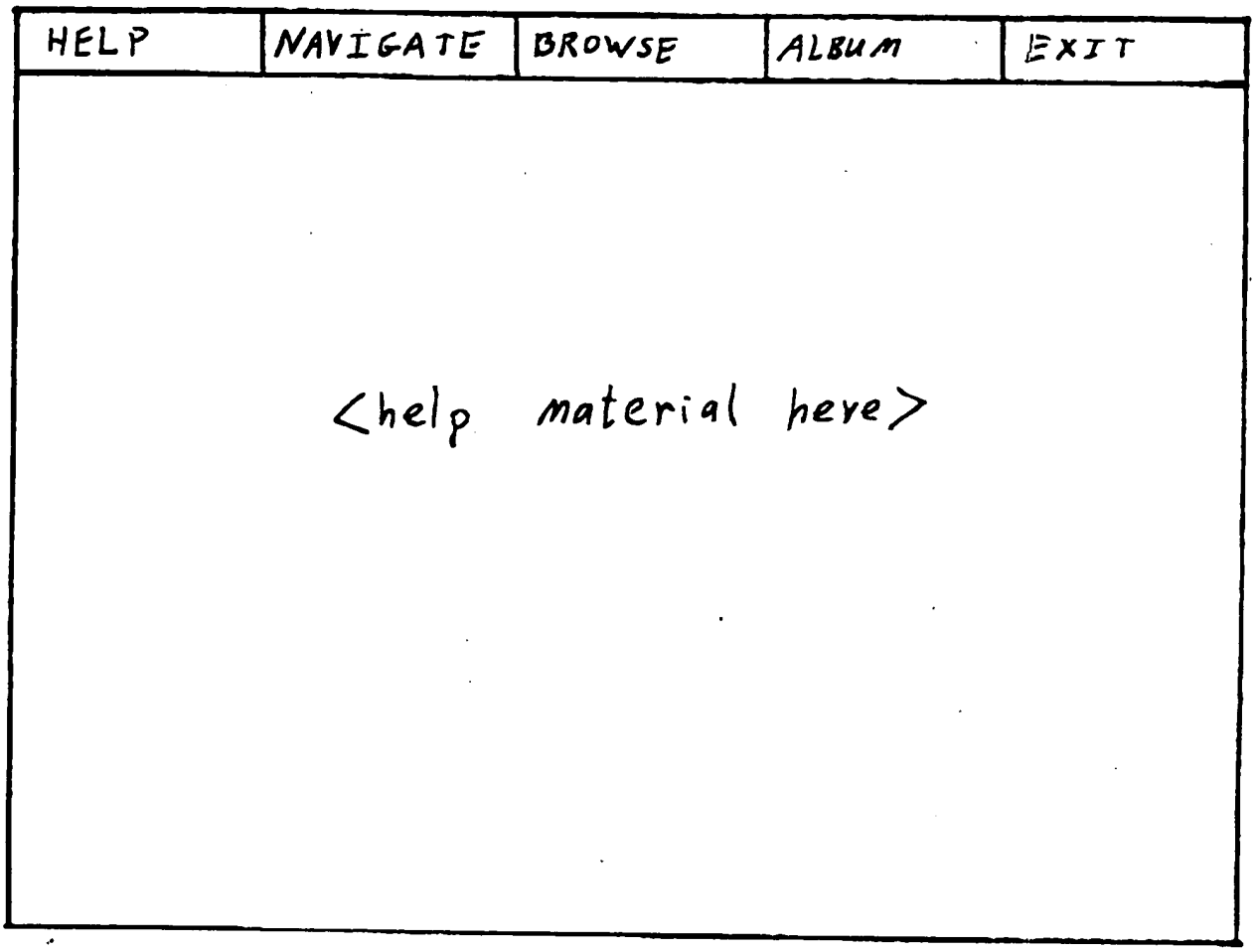
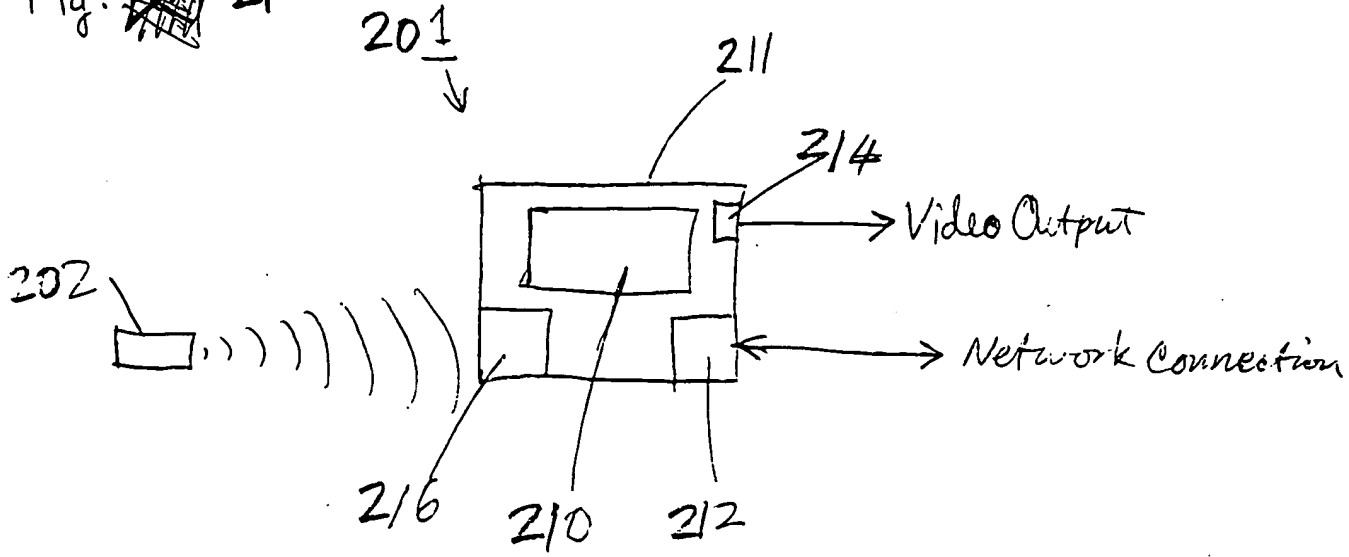

N
B
A
M
C
P
N
1902
1904
1) BACK
2) FULL
3) Z OUT
4) Z IN
5) SAVE

FIG. 20



PCT/US2000/000000

Fig. ~~1~~ 21


201
211
214
Video Output
202
Network Connection
216
210
212

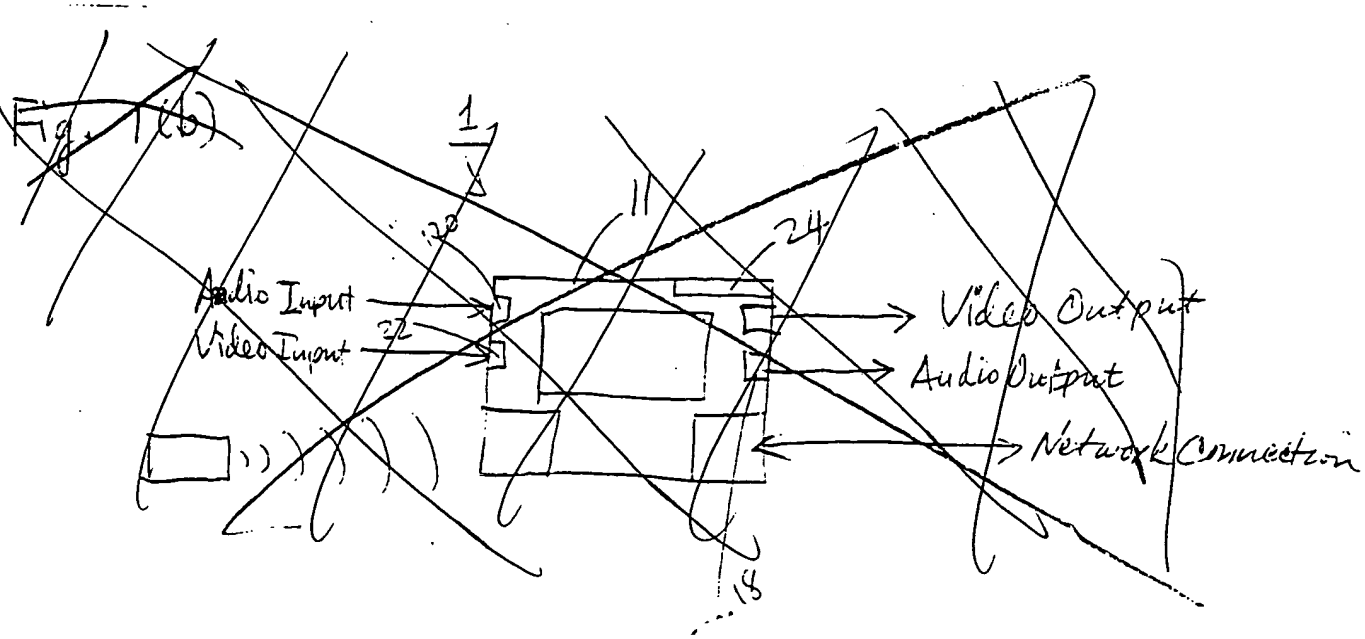


Fig. 1(b)
1
11
24
Audio Input
Video Input
Video Output
Audio Output
Network Connection
18

SHEET 8 FC

FIG. 3

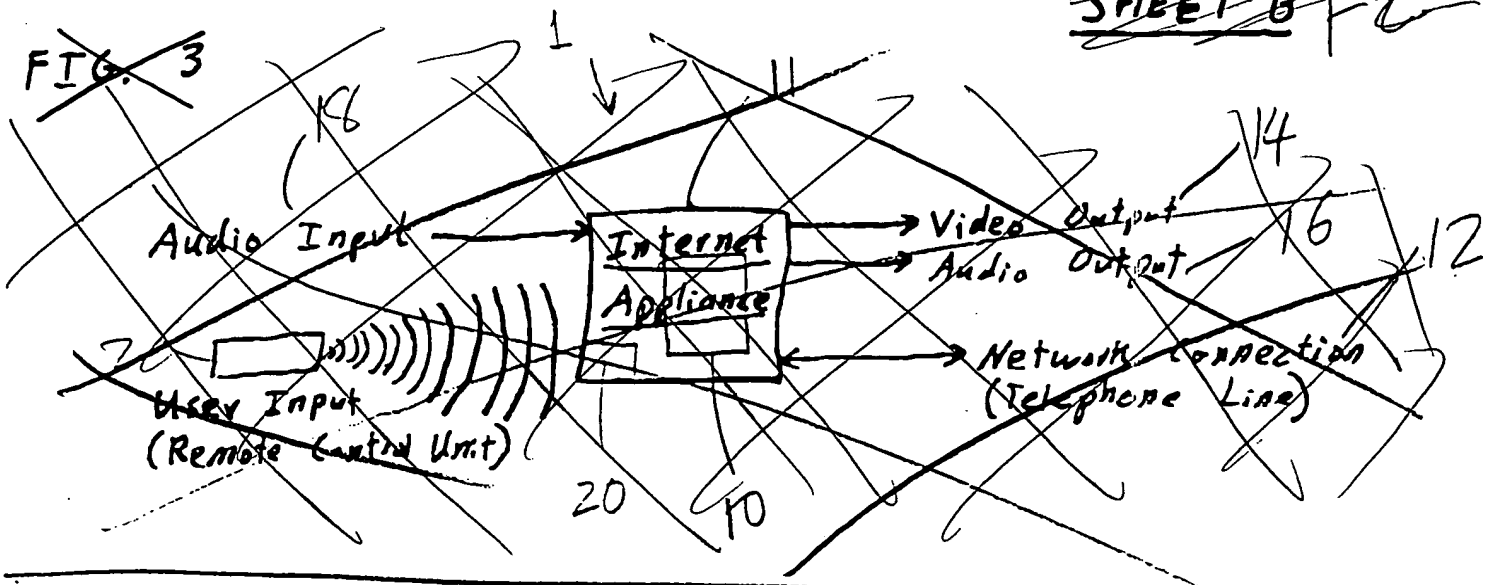


FIG. 22

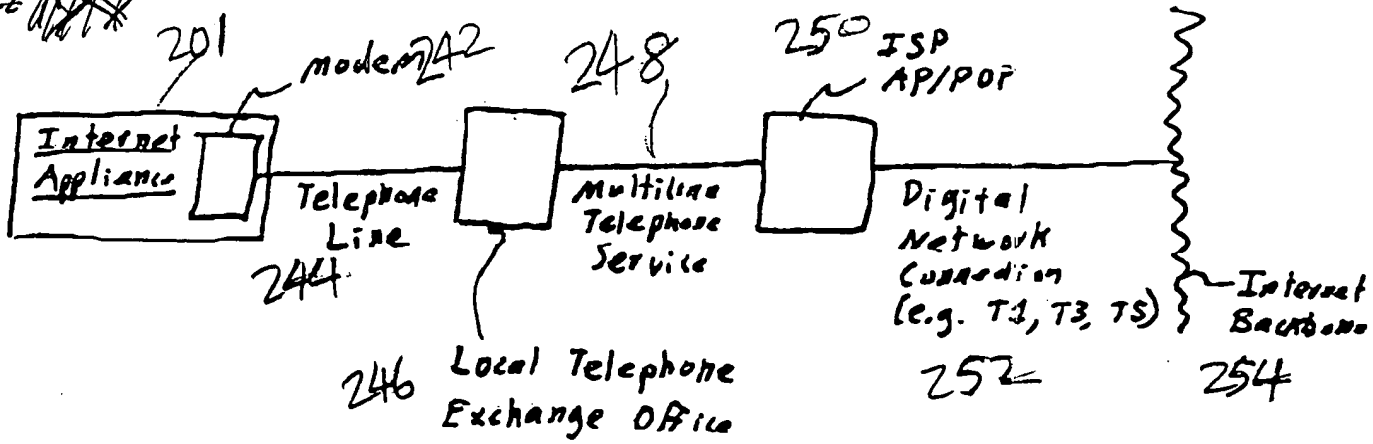
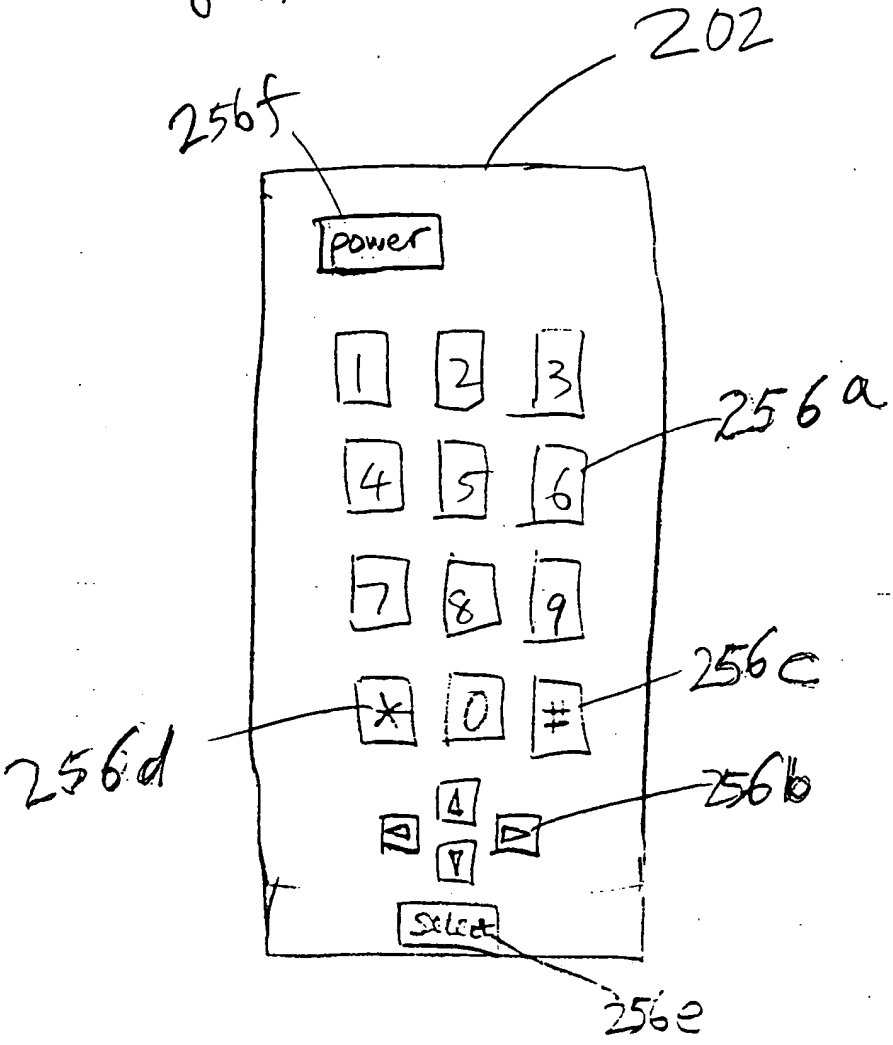



Fig. 23